

**IN THE CLAIMS:**

Please amend the claims as follows:

Claims 1-4 (Canceled).

Claim 5 (Currently Amended): The X-ray tube adjusting method according to Claim [[4]] 6, comprising an operation step at which operation means manipulates a focus lens, which adjusts a beam diameter of the electron beam in said X-ray tube, via the telecommunications line.

Claim 6 (Original): An X-ray tube adjusting method,  
wherein an initial image of a subject to be imaged engraved with a given pattern is stored in storage means beforehand in association with identification information of said X-ray tube, said initial image having been imaged by an X-ray inspection apparatus having said X-ray tube with a focal diameter of an electron beam at a target of said X-ray tube adjusted so as to be a predetermined value and an imaging device, and comprising:

an imaging step at which said X-ray inspection apparatus images a test image of said subject to be imaged at a time parts of said X-ray tube are replaced; and

a presentation step at which the initial image associated with the identification information of said X-ray tube is acquired from said storage means and presented in such a manner as to be comparable with said test image.

Claim 7 (Original): The X-ray tube adjusting method according to Claim 6, further comprising:

an alignment adjusting step at which a position of a beam axis of the electron beam in said X-ray tube is adjusted;

a set step at which, following said alignment adjusting step and prior to said imaging step, said subject to be imaged is placed at a same position as that when said initial image was imaged; and

a focus adjusting step at which referring to the images presented at said presentation step, a focus lens of said X-ray tube is adjusted in such a way that a focal diameter of the electron beam at a target of said X-ray tube becomes said desired state.

Claims 8-10 (Canceled).

Claim 11 (Previously Presented): The X-ray tube adjusting method according to Claim 6, wherein the presentation step involves the presentation of the initial image at the same time as it presents the test image.

Claims 12-14 (Canceled)

Claim 15 (Previously Presented): The X-ray tube adjusting method according to Claim 6, wherein the subject to be imaged is a slit plate.

Claims 16-18 (Canceled).

Claim 19 (Previously Presented): The X-ray tube adjusting method according to Claim 6, wherein the presentation step involves the presentation of a luminance corresponding to the pattern of the subject to be imaged.

Claims 20-22 (Canceled).

Claim 23 (Previously Presented): The X-ray tube adjusting method according to Claim 15, wherein the presentation step involves the presentation of a luminance corresponding to the lines of the slit plate.